

1101 Wilson Boulevard  
SUITE 2000  
ARLINGTON, VIRGINIA 22209

**LEE & STERBA, P.C.**  
ATTORNEYS AND COUNSELORS AT LAW

Telephone 703.525.0978  
FACSIMILE 703.525.4265  
www.lee-iplaw.com

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COMPANY: U.S. PATENT AND TRADEMARK OFFICE

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RE: U.S. PATENT APPLICATION SERIAL NO. 10/032,478

Transmitted herewith is: ☒ Amendment under 37 C.F.R. 1.116

☒ Petition for Extension of Time

in connection with application Serial No. 10/032,478 pending in Art Unit 2827 before Examiner  
Jeremy C. Norris.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****RECEIVED  
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In re Application of Sang-Young Kim

Serial No.: 10/032,478

Examiner: Jeremy C. Norris

Filed: January 2, 2002

Group Art Unit: 2827

For: Ball Grid Array Attaching Means  
Having Improved Reliability and  
Method of Manufacturing Same

**OFFICIAL**

**REQUEST FOR RECONSIDERATION**  
**UNDER 37 C.F.R. § 1.116**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

In response to the Final Office Action mailed November 5, 2003, applicant respectfully requests favorable reconsideration of the instant application based on the following remarks.

**Introduction**

In the Office Action mailed November 5, 2003:

1. claims 19-36 were rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the enablement requirement because the claim language "a cavity enclosed by the exterior wall of the solder ball" was described as being physically impossible;